

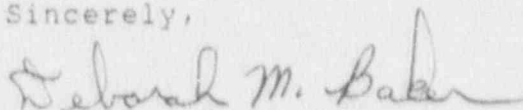
November 20, 1990

Enclosed is the report for the months of September and October, 1990. During the period we recorded a total of 13 alarms. Most of the alarms lasted for one minute before falling back to background. I have pulled the Goldsboro and Middletown monitors to check the calibration. They both are recording very accurately.

We have pulled Station #4 off line and will be relocating that monitor in the future.

If you have any questions, please feel free to contact me at 717-566-7466.

Sincerely,



Deborah M. Baker
TMI-CMN

9012110178 901120
PDR ADOCK 05000207
R PDC

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THREE MILE ISLAND CITIZEN'S MONITORING NETWORK

<u>09-02-90 thru 09-08-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	13.01	13.88 on 09-05-90 10:55 PM-W: Calm	12.57 on 09-03-90 11:56 PM-W: N @ 5
Station #2	14.13	15.56 on 09-08-90 4:17 PM-W: SE @ 11	11.71 on 09-07-90 4:37 PM-W: N @ 7
Station #5	14.64	15.76 on 09-06-90 11:20 AM-W: N @ 7	13.54 on 09-07-90 10:46 PM-W: NW @ 6
Station #7	13.52	13.43 on 09-07-90 11:08 AM-W: N @ 7	8.60 on 09-04-90 9:28 AM-W: SE @ 6
Station #8	15.69	19.52 on 09-05-90 6:43 AM-W: SW @ 13	13.21 on 09-02-90 8:34 PM-W: NW @ 10
Station #9	12.49	13.66 on 09-03-90 5:40 PM-W: Calm	11.73 on 09-04-90 8:30 AM-W: N @ 2
Station #10	14.28	16.31 on 09-07-90 3:59 PM-W: W @ 12	12.36 on 09-03-90 9:13 PM-W: NE @ 10
Station #11	12.09	14.36 on 09-07-90 7:54 AM-W: SW @ 9	11.07 on 09-08-90 8:59 AM-W: SE @ 6
Station #12	13.35	14.87 on 09-04-90 5:00 PM-W: SE @ 5	11.33 on 09-02-90 8:30 AM-W: W @ 7

ALARMS

Station #3
(Goldsboro) Suffered an alarm of 33 CPM's on 09-03-90 at 12:49 P.M.
The second minute registered 23 CPM's before falling
to background. Winds were N @ 8 and conditions were
sunny.

<u>09-09-90 thru 09-15-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	13.45	15.79 on 09-10-90 11:48 PM-W: W @ 3	12.71 on 09-13-90 9:54 PM-W: S @ 9
Station #2	14.17	15.00 on 09-14-90 8:49 AM-W: E @ 5	12.05 on 09-10-90 9:20 AM-W: NE @ 6
Station #5	15.11	16.60 on 09-12-90 12:01 AM-W: NE @ 5	13.89 on 09-10-90 10:11 PM-W: W @ 3
Station #7	12.10	16.03 on 09-10-90 4:34 PM-W: W @ 3	10.65 on 09-09-90 5:28 PM-W: SE @ 8
Station #8	15.21	16.77 on 09-11-90 6:20 AM-W: NW @ 7	12.45 on 09-14-90 6:30 AM-W: SE @ 5
Station #9	11.86	12.60 on 09-12-90 3:10 PM-W: Calm	10.00 on 09-10-90 11:10 PM-W: Calm
Station #10	13.81	14.53 on 09-09-90 11:21 PM-W: SW @ 5	10.91 on 09-13-90 4:55 PM-W: S @ 10
Station #11	12.33	13.72 on 09-14-90 7:37 AM-W: Calm	11.47 on 09-10-90 7:41 AM-W: NW @ 7
Station #12	13.02	15.70 on 09-09-90 5:45 PM-W: SE @ 14	11.13 on 09-12-90 5:30 PM-W: SE @ 7

ALARMS

Station #2 (Middletown) Suffered an alarm of 32 CPM's on 09-09-90 at 7:30 A.M. The second minute registered at background. Winds were SE @ 8, conditions were cloudy.

Station #7 (Goldsboro) Suffered an alarm of 31 CPM's on 09-10-90 at 4:12 P.M. The second minute registered at background. Winds were W @ 3, conditions were clear.

This station also suffered an alarm of 38 CPM's on 09-11-90 at 4:12 P.M. The second minute registered at background. Winds were NW @ 7, conditions were partly cloudy.

Also on 09-13-90 this station suffered an alarm of 30 CPM's at 4:21 P.M. The second minute registered at background. Winds were S @ 5, conditions were cloudy.

<u>09-16-90 thru 09-22-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	13.75	15.04 on 09-20-90 3:14 PM-W: NW @ 10	12.28 on 09-20-90 10:27 PM-W: N @ 6
Station #2	14.23	15.40 on 09-19-90* 5:18 PM-W: SW @ 6	13.10 on 09-17-90 6:24 PM-W: NW @ 10
Station #5	15.36	16.93 on 09-22-90* 8:19 AM-W: SE @ 5	14.30 on 09-16-90 8:41 AM-W: W @ 5
Station #7	11.87	14.20 on 09-22-90 4:59 AM-W: NW @ 13	10.45 on 09-18-90 9:13 AM-W: SW @ 8
Station #8	17.33	17.62 on 09-22-90 9:00 PM-W: W @ 6	15.28 on 09-21-90 7:40 AM-W: W @ 6
Station #10	13.89	18.93 on 09-16-90* 5:47 PM-W: NE @ 6	12.80 on 09-22-90* 12:05 AM-W: SE @ 5
Station #11	12.72	13.84 on 09-19-90* 3:53 PM-W: S @ 5	11.40 on 09-21-90 11:27 PM-W: SE @ 5
Station #12	12.65	14.86 on 09-16-90 8:00 AM-W: W @ 5	10.00 on 09-22-90 4:15 PM-W: N @ 8

ALARMS

Station #2 (Middletown) Suffered an alarm of 33 CPM's on 09-16-90 at 2:44 P.M. The second minute registered background. Winds were S @ 7, conditions were cloudy with light rain.

This station also suffered an alarm of 31 CPM's on 09-19-90 at 5:12 P.M. The next 4 minutes registered slightly above background before dropping to background after 6 minutes. Winds were SW @ 6, conditions were cloudy.

* indicates rain during reading

<u>09-23-90 thru 09-29-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	13.51	14.47 on 09-26-90 1:38 PM-W: E @ 7	12.60 on 09-27-90 11:18 PM-W: N @ 6
Station #2	14.56	15.58 on 09-29-90 9:27 AM-W: Calm	13.52 on 09-23-90 6:42 AM-W: SW @ 10
Station #5	15.55	17.22 on 09-26-90 7:55 AM-W: NE @ 5	14.68 on 09-25-90 9:31 PM-W: SE @ 9
Station #7	11.79	13.21 on 09-27-90 6:19 PM-W: N @ 5	10.58 on 09-23-90 7:33 AM-W: W @ 9
Station #8	16.09	17.47 on 09-23-90 11:50 AM-W: W @ 9	14.00 on 09-27-90 9:34 PM-W: N @ 5
Station #9	12.21	12.80 on 09-29-90 7:30 PM-W: W @ 3	11.53 on 09-28-90 9:45 AM-W: E @ 2
Station #10	13.73	16.33 on 09-24-90 7:46 PM-W: NW @ 7	12.24 on 09-29-90 11:38 PM-W: SE @ 5
Station #11	12.30	13.88 on 09-29-90 8:20 AM-W: Calm	10.33 on 09-27-90 11:10 PM-W: NW @ 5
Station #12	12.67	14.56 on 09-26-90 5:15 PM-W: NE @ 5	11.43 on 09-27-90 7:00 AM-W: W @ 3

ALARMS

Station #7
(Goldsboro)

Suffered an alarm of 44 CPM's on 09-29-90 at 1:56 P.M. The second minute registered at 31 CPM's before going down to background. Winds were calm, conditions were clear.

This station also suffered an alarm of 36 CPM's on 09-29-90 at 6:34 P.M. The second minute registered at 24 CPM's before going down to background. Winds were SE @ 5, conditions were cloudy.

<u>09-30-90 thru 10-06-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	12.29	13.33 on 10-02-90 10:35 PM-W: Calm	11.20 on 10-05-90 11:21 PM-W: SW @ 9
Station #2	14.18	15.01 on 10-01-90 9:10 AM-W: SW @ 5	12.75 on 09-30-90 8:21 AM-W: Calm
Station #5	15.55	16.50 on 10-06-90 9:42 AM-W: Calm	14.81 on 10-06-90 7:31 PM-W: S @ 8
Station #7	11.48	12.13 on 10-02-90 2:57 AM-W: ?	10.70 on 10-01-90 8:57 PM-W: SW @ 5
Station #8	15.45	17.60 on 10-04-90 9:30 PM-W: NW @ 7	12.84 on 10-04-90 5:45 AM-W: ?
Station #9	12.49	13.33 on 10-05-90 11:10 AM-W: NW @ 9	11.66 on 10-05-90 5:20 PM-W: W @ 3
Station #10	14.84	15.60 on 10-06-90 11:25 PM-W: SW @ 9	12.09 on 10-04-90 11:15 PM-W: W @ 10
Station #11	12.01	14.00 on 10-02-90 11:05 PM-W: NW @ 6	10.91 on 10-03-90 7:38 AM-W: W @ 5
Station #12	13.52	15.33 on 09-30-90 8:30 AM-W: S @ 10	11.43 on 10-05-90 8:00 PM-W: S @ 12

ALARMS

Station #2 (Middletown) Reported two alarms this week on 10-02-90 at 12:55 A.M. and 2:20 A.M. but did not record amounts. All monitors are pre-set to alarm at 30 CPM's.

<u>10-07-90 thru 10-13-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	12.83	13.93 on 10-08-90 11:02 PM-W: Calm	12.18 on 10-09-90 10:53 AM-W: SW @ 5
Station #2	13.96	15.61 on 10-07-90 7:52 AM-W: Calm	13.03 on 10-10-90 7:50 PM-W: SE @ 10
Station #5	14.76	16.63 on 10-08-90 4:51 PM-W: Calm	14.05 on 10-11-90* 1:49 PM-W: SE @ 9
Station #7	11.60	12.58 on 10-12-90* 9:16 PM-W: SE @ 5	10.76 on 10-12-90* 6:16 PM-W: SE @ 9
Station #8	15.08	16.90 on 10-07-90 10:45 AM-W: Calm	13.13 on 10-12-90 6:50 AM-W: SE @ 6
Station #9	12.41	13.00 on 10-10-90 6:45 PM-W: NW @ 3	11.26 on 10-08-90 9:40 AM-W: Calm
Station #10	13.29	16.73 on 10-13-90* 12:10 PM-W: NE @ 5	12.42 on 10-08-90 12:28 AM-W: Calm
Station #11	12.39	13.66 on 10-13-90 10:44 PM-W: NE @ 5	11.20 on 10-09-90 11:01 PM-W: S @ 7
Station #12	13.63	16.33 on 10-07-90 5:45 PM-W: S @ 9	11.50 on 10-11-90 6:30 PM-W: NW @ 6

* Indicates rain during reading

<u>10-14-90 thru 10-20-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	12.87	13.53 on 10-15-90 11:40 PM-W: W @ 9	12.32 on 10-16-90 10:27 PM-W: Calm
Station #2	14.29	16.68 on 10-18-90* 5:08 PM-W: W @ 23	12.20 on 10-20-90 8:54 AM-W: Calm
Station #5	16.04	15.86 on 10-18-90* 1:04 PM-W: W @ 23	14.48 on 10-19-90 6:00 PM-W: NW @ 8
Station #7	11.45	14.05 on 10-18-90* 5:30 PM-W: W @ 23	10.41 on 10-20-90 6:31 PM-W: SE @ 5
Station #8	14.10	16.32 on 10-19-90 6:55 AM-W: W @ 20	11.13 on 10-20-90 7:33 AM-W: Calm
Station #9	12.52	13.60 on 10-18-90 10:30 AM-W: S @ 16	11.46 on 10-19-90 11:45 AM-W: E @ 5
Station #10	13.60	15.80 on 10-15-90 11:52 PM-W: W @ 9	12.89 on 10-17-90 11:42 PM-W: SE @ 6
Station #11	12.48	13.66 on 10-16-90 10:45 PM-W: Calm	10.85 on 10-14-90 8:56 AM-W: NW @ 5
Station #12	13.27	15.40 on 10-20-90 8:00 AM-W: Calm	10.60 on 10-15-90 6:30 AM-W: W @ 2

ALARMS

Station #2 (Middletown) Suffered an alarm of 32 CPM's on 10-17-90 at 8:19 P.M. The second minute registered at 22 CPM's before going down to background. Winds were SE @ 6, conditions were cloudy.

* indicates rain during reading

<u>10-21-90 thru 10-27-90</u>	<u>AVERAGE</u>	<u>MAX C.P.M.</u>	<u>MIN C.P.M.</u>
Station #1	12.69	13.60 on 10-23-90 10:31 PM-W: NW @ 8	10.62 on 10-27-90 10:52 PM-W: SE @ 6
Station #2	14.06	14.54 on 10-22-90 8:57 AM-W: Calm	11.80 on 10-22-90* 5:42 PM-W: E @ 5
Station #5	15.77	16.20 on 10-23-90* 10:12 AM-W: NE @ 5	14.13 on 10-24-90 8:21 AM-W: NW @ 12
Station #7	11.45	12.86 on 10-23-90* 4:17 PM-W: W @ 5	10.00 on 10-22-90 3:58 AM-W: ?
Station #8	12.96	17.20 on 10-24-90 7:22 AM-W: NW @ 12	12.20 on 10-23-90* 8:50 PM-W: ?
Station #9	12.58	13.93 on 10-23-90* 4:00 PM-W: Calm	10.60 on 10-27-90 10:19 AM-W: N @ 4
Station #10	13.79	17.20 on 10-22-90* 5:42 PM-W: E @ 5	13.43 on 10-25-90 11:27 PM-W: NE @ 14
Station #11	12.20	14.36 on 10-21-90 8:52 AM-W: E @ 6	11.32 on 10-26-90 8:08 AM-W: N @ 16
Station #12	13.24	15.26 on 10-25-90 5:15 PM-W: W @ 7	11.86 on 10-26-90 8:15 AM-W: N @ 10

ALARMS

Station #2 (Middletown) Suffered an alarm of 33 CPM's on 10-25-90 at 11:03 A.M. The second minute registered at background. Winds were NE @ 9, conditions were cloudy.

This station also suffered an alarm of 32 CPM's on 10-26-90 at 4:42 P.M. The second minute registered close to background. Winds were NE @ 14, conditions were partly cloudy.

* Indicates rain during reading

MONITOR LOCATIONS

Station #1 - 7 miles N.N.E. of TMI	Station #9 - 13 miles W.N.W. of TMI
Station #2 - 3 miles N. of TMI	Station #10 - 11 miles N.W. of TMI
Station #5 - 3 miles W.S.W. of TMI	Station #11 - 9 miles N.W. of TMI
Station #7 - 1 mile W. of TMI	Station #12 - 3 miles N.N.W. of TMI
Station #8 - 7 miles N.W. of TMI	

Our monitors are set to alarm automatically at 30 cpm in most areas. This represents 3X's background.